

# SOUTH PRODUCTION NOTES

March 11, 2016

3-11 Shift Notes

**BASF EMPLOYEES**

105 Last Recordable

172 Last Lost time

**SAFETY Notes:** Check the walkways for ice and treat with icemelt. Need to remind operators that Styrene material on line #2 can't be washed down the drain. Building 31 sump currently shut off.

**Title V Notes:** Trimer – Trimer still has leaks from the flange, additional repairs required. Gem and Lucas are working on it now.

CTO – Bypass damper assembly needs to be adjusted when available.

F-1 Scrubber – Only sample scrubber and sump once per day (1<sup>st</sup> shift).

Sly Scrubber – Need to perform PM sampling once a day (2<sup>nd</sup> shift).

## #1 MED / AI-3945:

On hold until Trimer is repaired.

When we start back up we need to keep the extruder speed between 20-25 per the engineer. We have been getting the best lab results that way. Make sure we are greasing end seals.

Don't get too far ahead of the calciner.

## #1 RC / AI 3945:

On hold until Trimer is repaired, has been brought down.

## #2 MED line / Styrene:

Continue to run as much as possible. Need 3 to 4 scoops of wet mix in each batch to try and use up the few drums on the 3<sup>rd</sup> floor. **Do not leave cardboard on the used pallets.** Continue to feed recently run bags to the calciner first. We do not need to go in bag order, Justin would just like to get results on what we are currently making as we build feed. Justin would like us to continue to get ahead of the calciner by as many bags as possible. We have raws for 90ish batches. We will then cut in with another extruded product while finishing the calcining of Styrene.

At the beginning of every shift, the mix operator should open the mixer, check the discharge valve to make sure it's open, check the chute to make sure it's not glazed over, and check the injectors. Make sure wet mix goes into white top drums. Water addition has been raised to 85 lbs. Do not wash Styrene down the drain – contains moly.

## #2 RC/ Styrene:

Continue to feed recently run bags to the calciner. We do not need to go in bag order, Justin would just like to get results on what we are currently making as we build feed. Make sure that all fines/oversized drums are white top drums – due to the weight of the product and use of dry ice. The Floor CRT will need to take a sample out of the F1 scrubber and sump in B31 to wastewater once a day. Before unlocking building 31 sump WWTP will test these samples for moly and if the sump is low, we can unlock and send to WWTP. At all other times the west sump will remain locked out.

**Need to remind operators that Styrene material can't be washed down the drain.**

### **#3 MED line / D-0717 NAQ:**

Maintenance is working on repairing some exposed wiring, then we can restart.

Need to get to batch 171. Then hold for engineering

Make sure we are greasing end seals once per shift..

### **#3 RC / D-0717 NAQ:**

Started feeding on day shift. Continue.

Need to get to Lot – 6 bag #12

**Feed in batch order and fill out calciner feed sheets.**

### **#4 RC / D-0222:**

Holding for trimer repairs.

When we resume running keep an eye on the oversize screen (blinding over).

Oversize screen has been changed over to 2 mesh per Andrea.

Remember that your feed rate is not only based on the syntron settings but also the amount of fines and oversized material coming off the calciner. If the feed rate is dropping check the screener first to see if it is blinded over.

**Keep a close eye on the temps and feed rate, we have been underfiring material.**

Feed oversize into a bag and keep for refeeds later in the run.

### **#5 RC / 4011 next: Full cleaning**

Need to find the sample that Pycraft took of the raw 0539 material yesterday and take to the lab.

Burners are turned off so that remaining Cu0539 raw material can be run through and placed into a SS.

Feed Hopper should not be filled past 2ish feet below the top to allow room for blowdowns.

HEPA filter was last changed out 2-25-16 on midnight shift.

### **#6 RC & Dryer / D-1781 LAQ:**

Calciner is feeding. Continue.

### **West Pfaudler / D- 0222:**

AI-3945 LOT 191 is in pass. We can make 4 batches and then hold, Grodecki would like to be here to make the next tank.

**Should be making at least 2 batches per shift.**

**East Pfaudler/ Clean for 1781 LAQ:**

Continue to make batches. about 12 to make.

**6 Tank: D-0222 solution:**

Do not make a tank, hold for engineering approval.

**7 Tank: D-0222 Solution:**

Approved. Watch temperature. Steam is back on.

**National Dryer / D-0222:**

Feed as material is available.

**PK Blender / 4011 4010 next:**

We would like to power wash out the PK to see if we get a bunch more lining off, but the power washer does not work. W.O.W.

**Need to make sure that the building is being cleaned up! Contact EHS to get it de-reged when clean.**

Dust collector can be blown down by switching the magnahelic gauge to 0 and then shutting off the blower when it starts to blow down. DC gauge has been added to Wonderware and has been moved over to near the weigh tank. Gauge should be set at 3.5 and 4.25.

**Abbe Blender / D 5206:**

HF tote has been closed up and Abbe lid was remove and vessel cleaned out. Cover plates over open hole in floor have been reinstalled.

**Tower 3 / 1155:**

On hold until screener is back online. Maybe Monday.

**Tower 6 / Cu-1155:**

On hold until screener is back online. May start this weekend if we can get some screening done. Talk to Kristen.

**North Screener /Cu-1155:**

Screener is set up for Cu-1155. Holding for engineering

**South Screener /Cu-1155:**

OCS to fix scale then we are ready to run.

**#2662 (west) Pill Machine /**

Back together and holding.

### **#2664 (east) Pill Machine /**

**Back together and holding.**

### **TK #2 / Zr-0404:**

**Done. Blowers have been turned off and kiln is down.**

**Leave the saggars on - we don't know what product we will be going to next.**

### **TK #4 / Cu-2508 DONE, X-540 next:**

**Blowers have been turned off and kiln is down. Clean and swap out saggars when time permits. Need MOD.**

**Had issues with the hydraulic system kicking out, and also the screener. Also noticed it is operating at a lower than normal pressure - WOW. Area has been deregulated.**

### **Harrop Kiln / Al-4196:**

**Continue to run. Work on hand picking of Al4196 drum as time permits. WOW for #4 blower not working.**

### **Building 27 Belt Filter / Cu 5020:**

**Will not be starting up for a while...**

**Maintenance is currently doing repairs to the belt and will let us know when they are finished.**

**We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.**

### **PRIORITIES:**

- 1) East Pfaudler/#6 RC
- 2) West Pfaudler/Nat'l Dryer/#4RC/Trimer
- 3) #1 MED/RC
- 4) #3 MED/RC/CTO
- 5) #2 RC South
- 6) #5 RC (Change over for 4011/4010)
- 7) #2 MED
- 8) Reduction Towers
- 9) Harrop Kiln